

CLAIMS

- 1 1. A noise reducing headset comprising,
2 a pair of earcups each having electrical elements and seated in a yoke assembly
3 mechanically coupled by a headband enclosing a flat spring formed with a slot that runs
4 the length of the spring accommodating electrical wires electrically interconnecting
5 electrical elements in the earcups,
6 each earcup having active noise reducing circuitry,
7 each earcup including a loudspeaker driver located off center in the earcup to allow
8 an internal cavity inside each earcup to accommodate the loudspeaker driver, a
9 microphone and an electronic printed circuit board and one of a battery and plug
10 assembly,
11 one of said earcups accommodating a detachably secured plug assembly having a
12 sensitivity switch covered by the earcup when the plug assembly is fully seated in the
13 earcup,
14 the other earcup having a battery door that may be opened to allow insertion and
15 removal of the battery and covered by a yoke assembly when the headphones are worn by
16 a user with the battery fully seated in the earcup.
- 1 2. A noise reducing headset in accordance with claim 1 and further comprising plastic
2 covering said slot with the wires therein.
- 1 3. A noise reducing headset in accordance with claim 1 and further comprising a
2 circumaural cushion attached to each earcup constructed and arranged to surround the
3 ear of a user.
- 1 4. A headset comprising,
2 a pair of earcups having electrical elements each seated in a yoke assembly
3 mechanically coupled by a headband enclosing a flat spring formed with a slot that
4 runs the length of the spring accommodating electrical wires electrically
5 interconnecting electrical elements in the earcups.

- 1 5. A noise reducing headset comprising,
2 a pair of earcups,
3 each earcup including a loudspeaker driver located off center in the earcup to
4 allow an internal cavity inside each earcup to accommodate said loudspeaker driver, a
5 microphone and an electronic printed circuit board and one of a battery and plug
6 assembly.
- 1 6. A noise reducing headset in accordance with claim 5 and further comprising,
2 said microphone and said electronic printed circuit board inside said cavity.
- 1 7. A noise reducing headset having an earcup attached to a yoke assembly comprising,
2 said earcup having a battery door that may be opened to allow insertion and
3 removal of a battery and covered by said yoke assembly when the headset is worn by
4 a user with the battery fully seated in the earcup.